Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for manufacturing tires, wherein at least one carcass ply is formed by continuously applying a carcass cord onto an outer surface of a substantially toroidal core, over an entire periphery thereof, and various tire constitutive members are applied onto an outer surface of the carcass ply, so as to build a green tire, said method comprising:

forming an inner carcass ply by feeding a carcass cord in a meridian direction of the core, and folding back the carcass cord at each side portion of the core;

turning-up each radially inner peripheral portion of the inner carcass ply radially outwards about a bead;

subsequently applying a skim rubber onto an outer surface of the inner carcass ply, which has been formed with the turned-up portions;

forming an outer carcass ply by feeding a carcass cord in the meridian direction of the core, and folding back the carcass cord at each side portion of the core; and

applying the outer carcass ply onto an outer surface of the skim ~~rubber.~~rubber, wherein

the skim rubber is applied to the outer surface of the inner carcass ply by a spiral or helical winding of a rubber strip.

2. (Original) The method for manufacturing tires according to Claim 1, further comprising arranging said outer carcass ply so that radially inner peripheral edges thereof are overlapped with the respective turned-up portions of the inner carcass ply.

3. (Previously Presented) The method for manufacturing tires according to Claim 1, further comprising arranging said skim rubber over an entire region where said outer carcass ply is overlapped with the turned-up portions of the inner carcass ply.

4. (Previously Presented) The method for manufacturing tires according to Claim 1, further comprising applying a reinforcement rubber onto an inner surface of the inner carcass ply at side regions of the core, said reinforcement rubber having a crescent-like cross-section.

5. (Currently Amended) The method for manufacturing tires according to Claim 1, further comprising applying a reinforcement rubber between the inner carcass ply and the outer carcass ply at side regions of the core, in ~~place of~~addition to said skim rubber, said reinforcement rubber having a crescent-like cross-section.

6. (Previously Presented) The method for manufacturing tires according to Claim 2, further comprising arranging said skim rubber over an entire region where said outer carcass ply is overlapped with the turned-up portions of the inner carcass ply.

7. (Previously Presented) The method for manufacturing tires according to Claim 2, further comprising applying a reinforcement rubber onto an inner surface of the inner carcass ply at side regions of the core, said reinforcement rubber having a crescent-like cross-section.

8. (Previously Presented) The method for manufacturing tires according to Claim 3, further comprising applying a reinforcement rubber onto an inner surface of the inner carcass ply at side regions of the core, said reinforcement rubber having a crescent-like cross-section.

9. (Previously Presented) The method for manufacturing tires according to Claim 6, further comprising applying a reinforcement rubber onto an inner surface of the inner

carcass ply at side regions of the core, said reinforcement rubber having a crescent-like cross-section.

10. (Currently Amended) The method for manufacturing tires according to Claim 2, further comprising applying a reinforcement rubber between the inner carcass ply and the outer carcass ply at side regions of the core, in ~~place of~~addition to said skim rubber, said reinforcement rubber having a crescent-like cross-section.

11. (Currently Amended) The method for manufacturing tires according to Claim 3, further comprising applying a reinforcement rubber between the inner carcass ply and the outer carcass ply at side regions of the core, in ~~place of~~addition to said skim rubber, said reinforcement rubber having a crescent-like cross-section.

12. (Currently Amended) The method for manufacturing tires according to Claim 4, further comprising applying a reinforcement rubber between the inner carcass ply and the outer carcass ply at side regions of the core, in ~~place of~~addition to said skim rubber, said reinforcement rubber having a crescent-like cross-section.

13. (Currently Amended) The method for manufacturing tires according to Claim 6, further comprising applying a reinforcement rubber between the inner carcass ply and the outer carcass ply at side regions of the core, in ~~place of~~addition to said skim rubber, said reinforcement rubber having a crescent-like cross-section.

14. (Currently Amended) The method for manufacturing tires according to Claim 7, further comprising applying a reinforcement rubber between the inner carcass ply and the outer carcass ply at side regions of the core, in ~~place of~~addition to said skim rubber, said reinforcement rubber having a crescent-like cross-section.

15. (Currently Amended) The method for manufacturing tires according to Claim 8, further comprising applying a reinforcement rubber between the inner carcass ply and the

outer carcass ply at side regions of the core, in ~~place of~~addition to said skim rubber, said reinforcement rubber having a crescent-like cross-section.

16. (Currently Amended) The method for manufacturing tires according to Claim 9, further comprising applying a reinforcement rubber between the inner carcass ply and the outer carcass ply at side regions of the core, in ~~place of~~addition to said skim rubber, said reinforcement rubber having a crescent-like cross-section.